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## UA66/8/2 Climate of Pikeville, Kentucky


WKU Kentucky Climate Center

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# Climate of Pikeville Kentucky

KENTUCKY CLIMATE CENTER  
CLIMATOLOGY OF KENTUCKY SERIES



## TOTAL PRECIPITATION

PIKEVILLE														
YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1951	3.80	4.00	3.86	2.69	6.39	4.48	2.46	2.64	7.09	1.87	3.18	5.43	47.69	
1952	5.78	2.50	4.82	3.91	6.21	4.50	3.69	4.82	2.09	0.74	4.07	2.99	46.08	
1953	5.46	2.55	3.68	2.41	3.89	4.61	5.09	2.42	2.75	0.29	0.99	2.27	34.41	
1954	4.74	1.33	5.98	2.75	5.47	2.45	3.68	3.85	5.11	1.09	2.21	3.71	30.35	
1955	2.29	7.74	9.71	3.09	3.28	3.62	2.44	0.99	1.84	1.80	1.78	1.77	40.35	
1956	2.25	8.96	7.55	7.17	3.43	4.84	8.49	2.49	5.26	1.52	2.14	4.29	58.37	
1957	7.89	5.60	2.26	3.62	1.46	4.23	3.01	0.99	6.90	1.12	2.62	4.28	46.04	
1958	3.17	3.44	3.77	5.84	6.33	3.43	12.53	8.05	1.96	1.63	2.43	1.61	54.19	
1959	2.94	1.84	2.76	4.76	4.49	3.44	4.48	4.84	1.89	4.47	5.26	2.42	43.59	
1960	3.05	4.95	2.66	1.69	2.40	4.22	4.86	4.88	4.06	3.00	2.00	2.56	40.23	
1961	4.29	5.11	4.12	5.46	3.33	6.45	10.12	1.80	1.40	3.67	2.51	5.66	53.90	
1962	4.47	6.78	3.36	3.23	6.44	6.14	3.64	1.01	2.70	2.11	5.15	3.45	48.48	
1963	2.00	3.02	9.02	1.42	3.44	3.52	3.87	2.83	3.62	0.09	4.71	1.24	38.78	
1964	3.71	3.63	4.64	3.36	2.26	3.76	6.81	3.04	5.55	3.39	2.38	3.15	45.68	
1965	3.87	1.87	5.53	4.79	3.00	3.23	5.04	2.19	1.44	2.17	1.38	0.28	34.79	
1966	2.61	3.62	0.95	3.62	1.17	1.02	6.56	7.35	6.68	2.25	3.55	3.40	42.78	
1967	1.25	2.30	6.50	3.64	3.79	3.22	4.10	2.73	2.03	1.77	4.80	5.03	41.66	
1968	1.48	0.75	4.12	3.28	4.19	1.02	2.31	4.76	1.54	3.11	2.53	3.98	37.95	
1969	1.42	2.00	2.17	2.05	2.50	2.25	5.85	2.15	2.52	0.69	2.99	6.29	32.46	
1970	1.21	4.77	2.39	3.89	3.42	1.54	4.31	4.69	6.12	4.46	1.68	4.00	43.08	
1971	3.01	2.52	2.60	2.98	7.42	6.98	3.44	2.64	6.45	2.65	1.74	2.16	44.59	
1972	5.53	4.23	2.99	6.09	3.13	4.20	3.66	2.20	4.63	1.56	4.10	6.13	48.45	
1973	1.27	2.83	6.61	3.94	6.73	4.51	4.20	2.11	3.75	3.83	6.52	3.91	50.21	
1974	7.47	2.53	7.38	3.46	6.11	7.32	3.90	5.76	2.37	2.06	2.94	4.54	56.44	
1975	4.36	3.65	9.37	3.53	5.67	3.62	4.70	2.84	5.68	2.75	2.69	2.69	51.65	
1976	3.97	2.99	4.81	0.95	2.99	4.08	6.19	2.61	5.69	4.48	0.91	2.42	42.07	
1977	1.88	1.13	2.77	6.23	2.44	3.69	4.28	7.04	1.87	5.36	4.81	3.15	44.81	
1978	5.01	1.47	3.07	4.34	4.66	1.88	3.97	6.38	2.03	5.14	3.82	2.02	44.81	
1979	3.70	2.50	4.08	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	3.95	
1980	3.85	1.96						4.46	2.41	1.57	3.26	1.68		
SUM	98.48	101.91	130.53	114.46	118.80	115.62	139.64	109.68	109.85	65.23	84.92	95.11	1207.06	
MEAN	3.52	3.51	4.50	3.82	4.10	3.99	4.99	3.66	3.66	2.33	3.03	3.28	44.71	
STD	1.75	1.94	2.30	1.48	1.75	1.46	2.25	1.93	1.87	1.37	1.42	1.50	6.67	

## GREATEST DAILY PRECIPITATION

PIKEVILLE														
YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1951	0.76	1.67	0.60	0.88	1.53	0.99	1.53	0.67	1.77	0.46	0.87	0.92	1.77	
1952	1.29	1.07	1.78	0.85	0.98	1.07	0.74	1.06	0.71	0.44	1.78	1.50	1.78	
1953	0.74	0.74	0.82	0.43	0.77	0.94	1.71	1.15	1.96	0.12	0.33	0.58	1.96	
1954	0.36	0.46	1.66	0.82	1.47	0.35	0.30	0.82	1.72	0.35	0.46	1.19	1.72	
1955	0.53	1.83	1.86	0.70	1.80	1.62	0.82	0.31	0.95	0.63	0.59	0.36	1.86	
1956	0.95	1.42	1.32	1.83	1.12	1.62	1.91	2.69	0.51	1.02	1.01	2.69		
1957	2.04	1.21	0.65	1.40	0.79	0.76	1.50	0.29	1.53	0.49	0.52	1.40	2.04	
1958	0.78	0.91	0.68	0.99	1.10	1.04	2.02	2.43	0.58	0.62	1.19	2.43		
1959	0.96	0.47	0.65	1.16	2.77	1.78	1.85	1.00	1.56	1.21	0.69	2.77		
1960	0.87	1.06	0.57	0.67	0.40	1.29	1.34	1.27	2.17	0.66	0.50	0.83	2.17	
1961	1.08	0.99	0.70	0.99	0.89	2.73	1.82	0.45	0.34	2.05	0.56	1.24	2.73	
1962	0.94	2.04	0.66	0.88	1.25	1.31	0.85	0.75	0.68	0.57	1.36	0.95	2.04	
1963	0.48	0.77	2.15	0.36	0.55	0.96	1.75	1.59	2.08	0.09	2.20	0.94	2.04	
1964	0.77	0.66	1.37	0.78	0.95	1.55	1.79	1.68	2.09	1.59	1.24	0.73	1.79	
1965	1.23	0.66	1.62	0.97	1.44	1.55	1.60	0.66	0.59	0.49	0.59	0.24	1.62	
1966	0.61	1.74	0.41	0.64	0.85	0.35	2.83	1.35	2.42	0.66	1.05	1.09	2.83	
1967	0.76	0.68	1.75	0.88	0.90	0.69	0.65	0.88	0.94	0.80	1.25	0.96	1.75	
1968	0.32	0.43	1.62	0.85	1.14	2.30	0.97	1.08	0.37	1.05	0.49	0.79	2.30	
1969	0.75	0.95	0.48	0.47	0.71	0.73	1.27	0.95	0.32	0.45	0.81	2.76	2.76	
1970	0.36	2.67	0.97	0.79	1.19	0.40	1.66	1.59	2.83	1.65	0.56	0.89	2.67	
1971	0.83	0.74	0.78	0.90	3.02	3.12	1.00	0.75	1.54	0.79	0.42	1.13	3.12	
1972	0.35	1.70	0.62	1.60	0.84	1.25	1.12	0.75	0.38	0.71	0.92	1.40	1.70	
1973	0.40	0.64	1.83	1.49	1.95	1.12	0.89	1.22	0.95	1.71	1.83	1.25	1.95	
1974	2.44	0.85	1.45	1.19	1.32	2.30	2.50	1.33	0.56	1.51	0.61	0.56	2.50	
1975	0.88	0.82	1.17	0.88	1.09	0.76	1.29	0.71	1.53	1.05	1.88	0.44	1.88	
1976	0.87	1.22	1.07	0.48	0.87	1.17	2.03	0.74	2.01	1.55	0.29	0.75	2.03	
1977	0.37	0.32	3.07	1.12	1.01	1.33	2.36	0.56	1.02	1.63	1.51	3.07		
1978	0.31	0.72	2.98	0.91	0.62	0.95	1.50	1.52	1.52	1.52	1.52	1.52	1.52	
1979	1.19	0.70	1.30	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	
1980	0.68				0.55				1.40	0.90	1.01	0.40		
SUM	23.91	35.77	31.26	31.21	34.37	37.96	43.20	33.02	41.93	23.86	27.17	26.33	68.19	
MEAN	0.89	1.13	1.12	1.08	1.19	1.31	1.49	1.14	1.40	0.85	0.97	0.96	2.27	
STD	0.47	0.73	0.54	0.64	0.59	0.67	0.56	0.58	0.70	0.51	0.53	0.50	0.55	

## TOTAL SNOWFALL

PIKEVILLE														
YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
1951		1.0											99999	
1952	99999	99999	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1953	99999	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1954	5.0	0.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	99999	
1955			99999	99999	0.0	99999	0.0	0.0	0.0	0.0	99999	2.3		
1956	1.7	0.5	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	4.2	
1957	3.0	1.0	99999	0.0	0.0	0.0	0.0	0.0	99999	99999	99999	99999	4.0	
1958	99999	6.3	99999	0.0	0.0	0.0	0.0	0.0	0.0	99999	3.0	9.3		
1959	2.6	99999	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	6.0	99999	8.6	
1960	4.2	16.3	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	2.6	36.3	
1961	7.3	99999	99999	99999	0.0	0.0	0.0	0.0	0.0	0.0	2.2	5.0	15.5	
1962	6.0	0.3	10.9	99999	0.0	0.0	0.0	0.0	0.0	99999	0.0	13.5	30.7	
1963	4.5	12.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	9.7	28.5	
1964	11.3	11.5	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	99999	24.4	
1965	7.0	8.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	99999	18.2	
1966	14.6	99999	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	6.0	26.0	
1967	2.8	16.9	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	29.7	
1968	7.0	4.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	2.4	14.8	
1969	0.2	3.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	3.7	7.9	
1970	7.1	6.5	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	11.0	24.6	
1971	6.5	8.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	22.8	
1972			0.0	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	
1973	3.0	0.7		99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	
1974	99999	5.0	99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99999	3.0	8.0	
1975	7.0	0.5	2.0	99999	0.0	0.0	0.0	0.0	0.0	0.0	99999	1.0	10.5	
1976			99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0			
1977		5.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		2.8		
1978			5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
1979			0.0		0.0	0.0	0.0	0.0	0.0	0.0		99999		
1980				99999	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
SUM	100.8	109.5	52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.3	81.0	324.0	
MEAN	4.6	4.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.0	18.0	
MIN	3.8	5.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.9	10.0	



## CLIMATOLOGICAL SUMMARY

LATITUDE 37 28N  
LONGITUDE 82 31W

MEANS AND EXTREMES FOR PERIOD 1951-1980

PIKEVILLE KENTUCKY  
ELEVATION 1060 FEET

MONTH	TEMPERATURE (°F)												PRECIPITATION TOTALS (INCHES)																	
	MEANS			EXTREMES			MEAN NUMBER OF DAYS			MEAN	GREATEST MONTHLY	YEAR	GREATEST DAILY	YEAR	DAY	SNOW, SLEET					MEAN NUMBER OF DAYS									
	DAILY MAXIMUM	DAILY MINIMUM	MONTHLY	RECORDED HIGHEST	YEAR	RECORDED LOWEST	YEAR	DAY	4° AND ABOVE							3° AND BELOW	1° AND BELOW	0° AND BELOW	MEAN	MAXIMUM MONTHLY	YEAR	GREATEST DEPTH	YEAR	DAY	.10 or MORE	.50 or MORE	1.00 or MORE			
JAN	46.5	26.9	36.7	80	52	-11	83	24	0	3	22	0	3.52	7.88	57	2.44	74	10	4.8	14.6	68	10.0	78	21	8	2	0			
FEB	51.1	28.8	40.0	85	77	26	-4	55	13	0	2	18	0	3.51	8.96	56	3.70	78	2	4.8	16.9	67	8.0	60	19	8	2	1		
MAR	60.7	36.1	48.4	88	73	14	0	60	8	0	0	12	0	4.50	8.71	55	2.15	63	11	2.0	13.2	60	7.0	60	10	10	3	1		
APR	72.8	44.7	58.9	94	53	29	22	64	1	1	0	3	0	3.82	7.17	56	3.07	77	4	0.0										
MAY	80.3	53.1	66.6	95	53	25	30	66	11	4	0	0	0	4.10	7.42	71	3.02	71	6	0.0										
JUN	86.0	60.9	73.5	98	57	18	38	66	2	10	0	0	0	3.89	7.32	74	3.12	71	14	0.0										
JUL	88.8	65.7	77.3	104	52	28	48	63	10	15	0	0	0	4.88	12.53	58	2.83	66	13	0.0										
AUG	88.0	65.0	74.0	100	65	17	47	65	28	13	0	0	0	3.68	8.05	58	2.50	78	12	0.0										
SEP	82.7	58.7	70.7	103	54	5	36	67	30	7	0	0	0	3.68	7.08	51	2.83	70	20	0.0										
OCT	72.0	45.7	58.9	93	54	4	17	62	27	0	0	2	0	2.33	5.38	77	2.05	61	3	0.0										
NOV	59.8	36.0	47.9	86	75	8	11	76	30	0	0	13	0	3.03	6.52	73	2.20	63	29	0.8	6.0	58	3.0	58	28	7	2	1		
DEC	50.0	30.0	40.0	85	51	31	-10	62	13	0	2	18	0	3.28	6.28	69	2.76	68	30	3.0	13.5	62	10.0	70	31	8	2	1		
YR	68.9	46.0	57.6	104	52	28	-11	83	24	50	7	89	1	44.38	12.53	58	3.70	78	2	15.1	16.8	67	10.0	78	21	95	30	8		

LAST SPRING AND FIRST FALL OCCURRENCE OF 32° F MINIMUM TEMPERATURE

PIKEVILLE

1951-1980

YEAR	LAST SPRING OCCURRENCE	CONSECUTIVE DAYS BETWEEN LAST AND FIRST OCCURRENCE	FIRST FALL OCCURRENCE
1951	APR 18	199	NOV 3
1952	APR 9	195	OCT 21
1953	APR 17	199	NOV 2
1954	APR 2	212	OCT 31
1955	APR 8	200	OCT 25
1956	APR 15 M	198	NOV 9 M
1957	APR 3	196	OCT 28
1958	APR 8	205	OCT 30
1959	MAR 29 M	219	NOV 3
1960	APR 11	197	OCT 25
1961	APR 20 M	190	OCT 27
1962	APR 21	186	OCT 24
1963	MAY 2	181	OCT 30
1964	APR 10	184	OCT 11
1965	APR 3	205	OCT 25
1966	MAY 11	173	OCT 31
1967	APR 28	177	OCT 22
1968	MAY 7	151	OCT 5
1969	APR 1	200	OCT 18 M
1970	APR 8 M	192	OCT 17
1971	APR 15	204	NOV 5 M
1972	APR 26	177	OCT 20
1973	APR 15	205	NOV 6
1974	APR 25	161	OCT 3
1975	APR 13	216	NOV 15 M
1976	APR 29 M	172	OCT 18 M
1977	MAY 10	160	OCT 17 M
1978	MAY 2		
1979	MAY 7	160	OCT 14
1980	MAY 9	169	OCT 25
MEAN	APR 20	169	OCT 25
STD	13	16	10

HEATING DEGREE DAYS

PIKEVILLE

Yr	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	729	655	491	285	48	0	0	1	20	170	653	688	3738
1952	614	623	533	228	38	0	0	0	3	342	519	711	3611
1953	642	578	381	261	12	0	0	0	18	125	571	765	3353
1954	730	502	570	102	149	8	0	0	5	223	557	889	3725
1955	657	670	419	125	9	18	0	0	0	181	554	875	3708
1956	939	538	498	308	23	17	0		95	97	523	534	
1957	872	514	502	171	57	0	0	25	286	460	643	3532	
1958	927	934	661	196	54	0	0	0	14	193	444	951	4374
1959	878	581	564	195	36	7	0	0	4	174	565	698	3702
1960	746	773	883	145	123	0	0	0	3	159	487	972	4297
1961	979	553	360	375	131	1	0	17	201	455	751	3823	
1962	873	523	583	332	5	0	0	0	64	204	598	966	4108
1963	1013	879	365	189	62	0	0	0	41	39	483	1082	4220
1964	860	849	510	145	23	3	1	13	232	378	667	3741	
1965	801	692	632	162	2	3	0	2	20	235	429	716	3694
1966	1023	718	460	303	82	14	0	0	18	270	464	802	4160
1967	719	803	380	147	120	14	4	0	63	208	280	639	3695
1968	914	937	446	172	77	0	0	0	2	482	895	4106	
1969	803	717	691	159	48	6	0	0	10	226	592	892	4144
1970	1012	724	547	176	42	0	0	0	14	136	470	681	3802
1971	877	681	625	245	117	0	0	0	0	48	511	451	3556
1972	732	713	526	236	42	25	0	0	6	256	506	622	3664
1973	813	698	253	286	114	0	0	0	5	110	387	692	3398
1974	962	642	354	181	70	9	0	0	47	281	472	737	3355
1975	696	565	562	234	12	0	0	0	53	98	371	708	3399
1976	964	499	390	283	48	0	1	0	20	364	670	906	
1977	1251	753	30	182	30	25	0	0	0	284	411	800	
1978	1161	1004	568	182	38	0	0	0	7				
1979	1108	896			73	14	0	0	16				
1980	970				75	3	0	0		663			
SUM	26127	20290	13795	5972	1790	172	5	4	563	5485	14229	20623	90815
MEAN	871	698	509	213	62	6	0	19	205	506	764		3784
STD	159	143	130	73	41	8	1	0	20	79	82	143	310

Prepared by: Glen Conner, State Climatologist for Kentucky  
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MEAN MONTHLY TEMPERATURE

PIKEVILLE

Yr	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1951	41.4	41.4	48.9	56.7	66.5	74.7	78.4	76.0	70.3	61.5	43.1	42.8	58.5
1952	45.1	43.3	47.6	58.1	68.3	80.2	80.4	77.0	71.1	54.1	47.5	41.9	59.6
1953	44.0	44.1	52.0	57.1	71.6	76.8	78.2	77.1	70.5	61.8	49.7	40.1	59.9
1954	39.5	46.8	46.6	64.5	62.9	75.9	79.8	78.0	74.4	61.0	46.2	38.0	59.5
1955	37.1	40.8	51.5	62.3	69.6	69.1	80.1	80.0	73.6	60.4	46.5	36.6	59.0
1956	34.5	46.2	48.9	55.6	69.6	74.5	77.2	60.0	67.8	62.9	47.1	47.9	52.7
1957	36.7	46.5	48.6	62.2	68.5	76.3	77.4	75.7	72.1	55.7	49.5	44.1	59.4
1958	39.0	31.4	43.5	58.6	66.9	72.8	79.3	77.0	70.1	58.8	50.2	34.1	56.5
1959	36.5	44.1	46.6	59.2	71.3	73.2	77.8	79.5	72.6	61.8	46.3	42.3	59.3
1960	40.8	37.9	36.3	61.9	64.3	72.9	76.4	77.9	72.2	61.3	48.5	33.4	57.0
1961	33.2	45.0	53.3	52.9	62.0	71.2	75.4	76.4	73.5	59.0	50.0	40.7	57.7
1962	36.6	46.1	45.3	54.5	72.5	75.5	75.8	75.8	67.7	60.5	46.3	33.7	57.4
1963	31.8	33.4	53.2	60.2	65.5	73.1	74.7	75.0	68.5	61.9	48.7	29.9	56.3
1964	37.0	35.5	48.4	61.1	68.2	74.8	77.1	75.4	69.5	55.9	52.2	43.3	58.2
1965	39.0	40.2	44.4	60.8	71.1	72.5	76.4	75.8	72.7	57.7	50.5	41.7	58.6
1966	31.5	39.2	50.0	55.9	65.0	73.4	77.7	75.5	67.7	56.0	49.3	38.9	56.7
1967	41.6	36.1	53.1	61.7	62.5	73.3	73.2	72.5	65.3	59.1	45.2	44.1	57.3
1968	39.3	32.5	50.5	59.5	64.4	73.5	76.7	77.2	69.4	58.8	48.7	37.1	57.0
1969	36.9	39.3	42.3	60.6	67.4	75.1	79.7	76.3	69.6	58.9	45.0	36.1	57.4
1970	32.2	38.9	47.1	60.6	68.7	73.5	77.4	77.1	74.9	61.5	49.2	42.8	58.7
1971	36.5	40.4	44.6	56.8	62.4	76.4	75.7	75.4	73.0	65.8	48.0	43.9	58.7
1972	41.2	39.7	47.8	57.7	65.3	69.5	76.1	76.3	72.0	56.5	48.1	44.8	57.9
1973	38.5	49.9	57.2	55.9	63.0	75.8	78.1	77.1	73.6	63.4	52.0	42.5	59.8
1974	46.6	41.8	53.7	60.1	66.7	69.6	77.0	75.6	66.9	56.0	49.1	40.9	58.7
1975	42.3	44.6	56.7	55.9	70.4	74.3	77.0	75.9	68.3	62.1	52.5	41.5	59.6
1976	34.2	47.6	46.2	52.5	56.8	72.8	75.7	73.8	67.3	53.1	42.5	35.7	57.2
1977	24.2	27.9	31.8	63.9	69.2	71.4	79.1	77.4	72.4	75.6	51.5	38.7	57.7
1978	27.5	38.8	46.4	59.6	64.9	73.8	77.7	77.6	75.0	69.4	54.4	37.8	57.8
1979	23.2	31.4	35.0	59.6	64.9	71.8	77.8	77.1	71.1	71.4	52.3	43.0	57.8
1980	34.0	30.5	31.5	64.5	71.9	77.5	77.5	77.1	71.1	71.4	52.3	43.0	57.8
SUN	1101.9	1160.8	1307.6	1707.3	1937.2	2203.6	2317.9	2219.0	2121.3	1708.4	1342.4	1121.3	1451.4
MEAN	36.7	40.0	48.4	58.9	66.8	73.5	77.3	74.0	70.7	58.9	47.9	40.0	58.1
STD	5.1	5.1	4.3	2.9	3.1	2.5	1.7	1.4	2.6	3.4	2.7	4.5	1.6